

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	65	"455"/\$ and richard near2 chan	USPAT	OR	OFF	2009/11/08 22:13
L3	45	("3562710"   "4061892"   "4091240"   "4092605"   "4377822"   "4428076"   "4653075"   "4663775"   "4868854"   "4907247"   "4920537"   "5005197"   "5025453").PN. OR ("5233628").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:15
L4	4	3 and diversity	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:15
L5	2299	455/101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:17
L6	65	455/101 and channel near4 properties	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:18
L7	1	455/101 and channel near4 properties and small near3 scale near4 fading	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:18
L8	8	455/101 and channel near4 properties same diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:19

S1	1311	455/101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 16:31
S2	1187	455/103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/10 18:12
S3	3317	375/260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 16:31
S4	1906	375/267	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 16:31
S5	6463	S1 S2 S3 S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 16:43
S6	1311	455/101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 18:21
S7	1187	455/103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 18:21
S8	3317	375/260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 18:21
S9	1906	375/267	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 18:21
S10	6463	S6 S7 S8 S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 18:21
S11	6463	S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/28 18:21

S12	3	S11 and (small near3 scal\$4 near4 statistic specific near4 channel near3 cod\$4 and outage near4 probability)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:24
S13	6	"455"/\$ and (small near3 scal\$4 near4 statistic specific near4 channel near3 cod\$4 and outage near4 probability)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:25
S14	46	S11 and fading near4 statistics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:25
S15	5	S14 and outage near4 probability	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:32
S16	236	S10 and channel near4 properties	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:36
S17	6	S16 and fading and coding and outage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:33
S18	142	S16 and fading	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:36
S19	0	S16 and fading and channel near4 coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:37
S20	44	S16 and fading and channel near4 coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:53
S21	44	S16 and fading and channel near4 coefficient and transmitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:57
S22	247	transmitter near4 channel near3 estimation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 18:57

S23	118	transmitter near4 channel near3 estimation and diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 19:50
S24	18	"5727032"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 19:58
S25	59	outage adj probability and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 19:59
S26	3	outage adj probability and S10 and expected near4 powers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 19:59
S27	3	outage near4 probability and S10 and expected near4 powers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:00
S28	3	"455"/\$ and outage near4 probability and expected near4 powers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:07
S29	888	"455"/\$ and expected near4 powers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:07
S30	92	S10 and expected near4 powers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:18
S31	30	S10 and tree adj structure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:24
S32	1	S10 and tree adj structure near4 diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:24
S33	3	S10 and tree adj structure same diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:24
S34	1	"455"/\$ and tree adj structure same diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:30

S35	30	"455"/\$ and tree adj structure same child near4 node	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:48
S36	27	"6317411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:49
S37	12	second near3 order same coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:50
S38	0	order near4 statistics same coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:50
S39	196	(order near4 statistics) same coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:50
S40	23	"455"/\$ and (order near4 statistics) same coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/11/28 20:50
S41	12	(subcarrier sub-carrier sub adj carrier sub near2 carrier) near4 component near3 less	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/05 15:05
S42	14	(subcarrier sub-carrier sub adj carrier sub near2 carrier) near4 component near5 less	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/05 14:34
S43	1726	(subcarrier sub-carrier sub adj carrier sub near2 carrier) near4 component	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/05 14:34
S44	1	"20040162048"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/05 15:05
S45	32	"6317411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/06/28 14:49
S46	1507	455/101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 14:38

S47	1278	455/103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 14:38
S48	358	S46 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 14:38
S49	2427	S46 S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 14:38
S50	58	S49 and channel near4 propert\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 14:41
S51	4	S49 and small near4 scale near4 fad\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 16:21
S52	42	"455"/\$ and small near4 scale near4 fad \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 16:02
S53	32	"6317411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:41
S54	1278	455/103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:42
S55	0	S54 and coefficient\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:41
S56	0	S54 and coefficient\$2 near4 transmit\$4 near3 power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:41
S57	180	455/103 and coefficient \$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:43
S58	15	455/103 and coefficient \$2 near4 power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:49

S59	2	"7058363"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/02 19:49
S60	14	"6317612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/05 20:22
S61	33	"6615024"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/05 20:22
S62	18	"6246861"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/10 18:12
S63	17	"6246861"	USPAT	OR	OFF	2008/06/24 14:54
S64	1798	455/101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 14:56
S65	3	455/101 and channel near2 propert\$4 same branch\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 14:57
S66	7	("5666123"   "5680142"   "5771017"   "5966670"   "6301238"   "6453177"   "6697641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/24 14:59
S67	7	S66 and channel	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/24 14:59
S68	1	455/101 and fading near4 scale and channel near4 coding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 15:04

S69	7	455/101 and fading near4 scale	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 15:04
S70	97	diversity and fading near4 scale	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 15:06
S71	97	diversity and fading near4 scale	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/25 15:47
S72	13	S71 and transmission near4 power same diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/25 15:47
S73	43	("3562710"   "4061892"   "4091240"   "4092605"   "4377822"   "4428076"   "4653075"   "4663775"   "4868854"   "4907247"   "4920537"   "5005197"   "5025453").PN. OR ("5233628").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 14:41
S74	5	S73 and base near3 station	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 14:41
S75	0	S73 and base near3 station and diversity	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 14:42
S76	3	S73 and base near3 station and diversity	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/26 14:42
S77	30	"5233628"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/07/30 13:23

## EAST Search History (Interference)



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**11/ 8/ 2009 11:22:02 PM**

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